Contents 7	Reference to last Measurement 8
1,46,880-00	
98938-00	
49469-00	
49469-00	
49469-00	
4947-00	
247344-00	
41610-00	
2000-00	
5,43,246-00	
4,44,036 34-20	

1st and final bill.

SBRNO: 44/06-03-18

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351185

Serial No. Premeasurements

Name of Work Improvements to roads & drains From in LN7 compound road to byatarayanapura To

Name of Contractor of nature of Agency in ward no:07, byatarayanapura.

Date of commencement of work M/s KRIDL

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Estimate cost:	Rs.50.00 lakhs.					
	Job Number:	007-17-000004					
	Head of Account:	P3111					
	A.S.No:	AS/JC/YNK/21/17-18; dt: 19-04-17.					
	T.S.No:	TS/CE/YNK/29/17-18; dt: 19-04-17.					
	New T.S.No:	TS/CE/YNK/8/17-18 dt: 27-01-18					
	Agp No:-	No.BBMP/EE/Agp/57/17-18; dt: 06-05-17.					
	New Agp No:-	No.BBMP/EE/Agp/66/17-18; dt: 05-02-18.					
	Approved amount:-	Rs.49,96,022.00					
	Modified workorder:-	No.BBMP/EE/BTP/WO/66/17-18; dt: 05-02-18.					
	Date of commencement:-	01-01-18					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Premeasurements recorded on:		05-01-18				
	Item No. 01:-						
	Earthwork excavation:,						
	1. Desilting of existing drain: 0-30	01	30.0	0.60	0.60	= 10.80	
	30-60	01	30.0	0.60	0.60	= 10.80	
	60-90	01	30.0	0.60	0.60	= 10.80	
	90-120	01	30.0	0.60	0.60	= 10.80	
	120-150	01	30.0	0.60	0.60	= 10.80	
	Near open field: 0-15	01	15.0	0.45	0.45	= 3.04	
	ores burden earth: 0-15	01	15.0	0.90	0.90	= 12.15	
	15-30	01	15.0	0.90	0.80	= 10.80	
	30-49.5	01	19.5	0.75	0.80	= 11.70	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agenc

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Asphalt road:-
	UGD road cut portion 0-30 from transformer to apartment:
	Road widened portion along

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
60	0.60	= 10.80	
60	0.60	= 10.80	
60	0.60	= 10.80	
.60	0.60	= 10.80	
60	0.60	= 10.80	
45	0.45	= 5.04	
.90	0.90	= 12.15	
.90	0.80	= 10.80	
.75	0.80	= 11.70	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351186

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Asphalt road:-						
	UGD road cut portion 0-30 from transformer to apartment:	01	30.0	2.0	0.20	= 12.0	
		01	30.0	2.0	0.20	= 12.0	
		01	30.0	1.0	0.20	= 6.0	
		01	30.0	2.0	0.20	= 12.0	
		01	30.0	3.0	0.20	= 18.0	
	Road widened portion along the UNT compound side:						
		01	30.0	3.0	0.20	= 18.0	
		01	30.0	3.0	0.20	= 18.0	
		01	30.0	3.0	0.20	= 18.0	
		01	30.0	3.0	0.20	= 18.0	
		01	30.0	3.0	0.20	= 18.0	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bad reach near apartment:						
	0-25	01	25.0	7.0	0.30	52.50	
				TOTAL:		425.78	cum.
	Item No.16:- loading and unloading charges:						
	Qty vide Item No.15 → 425.78 cum						
	Item No:03:- Premeasurements recorded on:						
	Providing and laying in position PCC: 1:4:8						
	RCC-DRAIN- B'yatarayanapura gramathana road:-						
	46.5-76.5	01	30.0	0.75	0.15	= 3.38	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	76.5-106.5	01
	106.5-136.5	01
	136.5-166.5	01
	166.5-196.5	01
	196.5-226.5	01
	226.5-241.5	01

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.30 =	52.50	
TOTAL:	425.78 cum.	
	Asstt. Engg. ND AE(WZ)	
cum		
:		
Pcc:	1:4:8	
area	road:-	
0.75	0.15 =	3.38

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351187

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	76.5-106.5	01	30.0	0.75	0.15	= 3.370	
	106.5-136.5	01	30.0	0.75	0.15	= 3.380	
	136.5-166.5	01	30.0	0.75	0.15	= 3.370	
	166.5-196.5	01	30.0	0.75	0.15	= 3.380	
	196.5-226.5	01	30.0	0.75	0.15	= 3.37	
	226.5-241.5	01	15.0	0.75	0.15	= 1.69	
	(Left Rd)					21.94 cum	
					Asstt. Engg. ND AE(WZ)		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.04:- Premeasurements recorded on reinforcement:-		L	No of rods	Lb of bar	Total length 10mm / 8mm	
	Providing TMT steel						
	Main rod. 46.5-76.5	01	30.0	290	2.3	667 / -	180
		01	30.0	6.0	-	-	
	Distribution:						
	76.5-106.5	01	30.0	275	1.80	495 / -	186
		01	30.0	6.0	-		
	106.5-136.5	01	30.0	275	1.80	495 / -	180
		01	30.0	6.0	-		
	136.5-166.50	01	30	270	1.8	486 / -	180
			30.0	6.0	30		
	166.5-196.5	01	30.0	280	1.8	504	-

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	196.5-226.5	01
		01
	226.5-241.5	01
	Left	01
	Rig/t	
	10mm ϕ @ 0.6	
	8mm ϕ @ 0.3	

	Contents	Reference to last Measurement
	7	8
	Total length 10mm	8mm
	667	180
	-	-
	495	186
	-	-
	495	180
	-	-
	486	180
	-	-
	504	-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351188

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		01	30.0	6.60	36.0	-	180
	196.5-226.5	01	30.0	280.0	1.7	476	-
		01	30.0	6.0	30.6	-	186
	226.5-241.5	01	30.0	290.0	1.7	493	
	Left Rail	01	30.0	6.0	5.0	30	30
				TOTAL:		3646	1110
	10mmϕ @ 0.62 kg/rm →					2260.52 kg	
	8mmϕ @ 0.39 kg/rm →					432.9 kg	
						2693.42	

Qty Hd to 22.82 tonne

Applied-Nil
Aelug

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.05:- Premeasurements recorded on: Providing and removing centering, shuttering, struting.;						
	RCC-DRAIN - Byatarayanapura gramatana road.						
	SIDE-WALL: 46.5-76.5	1x4=4	30.0		0.60	= 72.0	
	76.5-106.5	1x4=4	30.0		0.60	= 72.0	
	106.5-136.5	1x4=4	30.0		0.60	= 72.0	
	136.5-166.5	1x4=4	30.0		0.60	= 72.0	
	166.5-196.5	1x4=4	30.0		0.60	= 72.0	
	196.5-226.5	1x4=4	30.0		0.60	= 72.0	
	226.5-241.5	1x4=4	15.0		0.60	= 36.0	
					TOTAL=	468.0 Sqm	
						Hr Lp LLf. N.D	

AE(Civil)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.10:- Premeasurem Providing laying, do wet mix macadam; UGD road cut portion 0-30 30-60 60-90 90-120 120-150 Roldened portion along th

K

epth 6	Contents 7	Reference to last Measurement 8
	ttering, strutting.) road.	
0·60	= 72·0	
0·60	= 72·0	
0·60	= 72·0	
0·60	= 72·0	
0·60	= 72·0	
0·60	= 72·0	
0·60	= 36·0	
AL=	468·0 Sqm	
Th Lp	Lf. N·D	

AE(WT)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351189

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..... From..... To.....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.10:- Premeasurements recorded on: 06-02-18						
	Providing laying, spreading and compacting graded fine aggregate, to wet mix macadam.,						
	UG,D 'road cut portion from transformer to experiment:						
	0-30	01	30.0	2.0	0.20	= 12.0	
	30-60	01	30.0	2.0	0.20	= 12.0	
	60-90	01	30.0	1.0	0.20	= 6.0	
	90-120	01	30.0	2.0	0.20	= 12.0	
	120-150	01	30.0	3.0	0.20	= 18.0	
	Widened portion along the UNT compound side.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	0-30	1·0	30·0	3·0	0·20	= 18·0	
	30-60	1·0	30·0	3·0	0·20	= 18·0	
	60-90	1·0	30·0	3·0	0·20	= 18·0	
	90-120	1·0	30·0	3·0	0·20	= 18·0	
	120-150	1·0	30·0	3·0	0·20	= 18·0	
	Bad reaches near apartment:						
	0-25	1·0	25·0	7·0	0·20	= 35	
					TOTAL=	185·0 cum	
	Item No-11:- Premeasurements recorded on 12-02-18 providing and applying primer coat;						

Checked
R B/r

Applied N.D
AE (W&S)
6/2/18

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Soldered portion along
	0-30
	30-60
	60-90
	90-120
	120-150
	Item No-12:- Premeasurements re
	Providing and lay

K

Depth 6	Contents 7	Reference to last Measurement 8
0.20	= 18.0	
0.20	= 18.0	
0.20	= 18.0	
0.20	= 18.0	
0.20	= 18.0	
0.20	= 35	
TOTAL=	125.0 cum	

J.N.D
(WE)
6/2/18
02-18
cost.)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

351190

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Soldered portion along the LNT compound slide.						
	0-30	01	30.0	3.0	-	90.0	
	30-60	01	30.0	3.0	-	90.0	
	60-90	01	30.0	3.0	-	90.0	
	90-120	01	30.0	3.0	-	90.0	
	120-150	01	30.0	3.0	-	90.0	
					TOTAL	450.0	sqm
						No Hpl. J.N.D (WE) 12/2/18	
Item No-12:-	Premeasurements recorded on: 12-02-18						
	Providing and laying bituminous macadam.)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Widened portion along the LHS compound side:						
	0-30	01	30.0	3.0	0.05	= 4.50	
	30-60	01	30.0	3.0	0.05	= 4.50	
	60-90	01	30.0	3.0	0.05	= 4.50	
	90-120	01	30.0	3.0	0.05	= 4.50	
	120-150	01	30.0	3.0	0.05	= 4.50	
	For cambering 0-7.5	01	7.50	2.0	0.05	= 0.75	
						23.25 cum	
	Cum Rate Rs/-						
						Ex Engr. N.D DE(WH) 12/04/18	

Serial No. Main-bill

Name of Work

Name of Contractor of nature of Agenc

Date of commencement of work De

Date	Full description, etc, of work
1	2
	Item No.01:- Earthworks excava an average horizontal as per specifications: Qty vide page No At the rate of Rs
	Item No.16:- Loading and unlo Qty vide page No At the rate of Rs: 1

35/17 W.O.7

Depth 6	Contents 7	Reference to last Measurement 8
nd side:		
0.05 = 4.50		
0.05 = 4.50		
0.05 = 4.50		
0.05 = 4.50		
0.05 = 4.50		
0 0.05 = 0.75		
	23.25 cum	

M.U. N.D
DE(W)
12/07/18

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351191

Serial No. Main bill

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work Date of recording:

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.01:- Earthwork excavation by manual means in ordinary soil involving breaking clods complete an average horizontal throw upto 2m. neatly after as per specifications:						
	Qty vide page No. 351186 →			425.78 cum			
	At the rate of Rs. 86.92 →						37008.00
	Item No.16:- Loading and unloading charges:						
	Qty vide page No. 351186 →			425.78 cum			
	At the rate of Rs: 106.00 →						45133.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 03:- Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded, curing complete as per specifications.						
	Qty vide page No. 351187 →			21.94 cum			
	At the rate of Rs. 5159.02 →						113188.50
	Item No. 04:- Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, HOM of machinery complete.						
	Qty vide page No. 351188 →			22.82 tonne.			1355805-
	At the rate of Rs. 59413 →						1355508.60

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, of w
1	2
	Item No. 05:- Providing and as per specification
	Qty vide pag
	At the rate o
	Item No. 10:- Providing laying, to wet-mix-macadam
	Qty vide page
	At the rate o

Depth 6	Contents 7	Reference to last Measurement 8
ain cement concrete of n size graded, curing		
cum		113188.50
or RCC work including g, HOM of machinery complete.		1355805-
2.82 tonne.		1355508.50

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

351192

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.05:-						
	Providing and removing, centering, shuttering, strutting, propping etc., as per specification and directions of the Engineer-in-charge.						
	Qty vide page No. 351188 →					468.00 sq.m.	
	At the rate of Rs. 387.96 →						181565.00
	Item No.10:-						
	Providing laying, spreading and compacting graded fine aggregate to wet-mix-macadam, complete as per specifications.						
	Qty vide page No. 351189 →					185.00 cum	
	At the rate of Rs. 1801.44 →						333266.40
							~~54944.00~~
							NDP Delete

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 11:-						
	Providing and applying primer coat with 3% Bitumen emulsion on prepared surface of granular base, using mechanical means complete as per specifications.						
	Qty vide page No. 351/90 →				450.0 sqm		
	At the rate of Rs: 28.08 →						4236.00 12636.00 Nop Adv
	Item No. 12:-						
	Providing and laying bituminous macadam on prepared surface with crushed aggregates as per design mix.,						
	Qty vide page No. 351/90 →				23.25 cum		
	At the rate of Rs. 5223.96 →						12145.50

3512 W.O.1

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	Item No. 06:-	
	Providing and layi	
	design mix M20 with op	
	graded granite metal c	
	RCC drain. Bottom.	
	46.5-76.5	01
	76.5-106.5	01
	106.5-136.5	01
	136.5-166.50	01
	166.50-196.5	01

OOK

Depth 6	Contents 7	Reference to last Measurement 8
		...ed with 35 bitumen emulsion ...ing mechanical means complete
...50.0 sqm		~~4736.00~~ 12636.00 NMP Adv
...ous macadam on prepared ...per design mix ; ...73.25 cum		12145.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351193

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 06:-						
	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320 kgs with 20mm and down size graded granite metal coarse aggregate ,,						
	RCC drain. Bottom.						
	46.5-76.5	01	30.0	0.12	0.75	= 2.70	
	76.5-106.5	01	30.0	0.12	0.75	= 2.70	
	106.5-136.5	01	30.0	0.12	0.75	= 2.70	
	136.5-166.50	01	30.0	0.12	0.75	= 2.70	
	166.50-196.5	01	30.0	0.12	0.75	= 2.70	

13.50

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	13.50	
1	2	3	4	5	6	7	8
	196.5-226.5	01	30.0	0.12	0.75	= 2.70	
	226.5-241.5	01	15.0	0.12	0.75	= 1.35	
						17.55 cum.	
	SIDE WALL:-						
	46.5-76.5	02x30	0.12	0.60		= 4.32	
	76.5-106.5	02x30	0.12	0.60		= 4.32	
	106.5-136.5	02x30	0.12	0.60		= 4.32	
	136.5-166.5	02x30	0.12	0.60		= 4.32	
	166.5-196.5	02x30	0.12	0.60		= 4.32	
	196.5-226.5	02x30	0.12	0.60		= 4.32	
	226.5-241.5	02x15	0.12	0.60		= 1.16	
						28.08 cum	As.63.
	At the rate of Rs. 6371.66 →			TOTAL=		45.63 cum	290739.0

Amplly. N.D
DE(W) 09/02/18

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	3
	Item No 09:-	
	Providing and construct	
	strength, complete as per specif	
	From entrance of the road	(from s
	0-30	2
	30-60	2
	60-90	2
	90-120	2
	120-150	2
	At the rate of Rs. 993.22 →	

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	0.75 =	2.70	
	0.75 =	1.35	
		17.55 cum.	
60		= 4.32	
60		= 4.32	
60		= 4.32	
60		= 4.32	
60		= 4.32	
60		= 4.32	
60		= 4.32	
60		= 2.16	
		25.08 cum	43.63
TOTAL=		45.63 cum	290739.0

Mrtplly. N.D
AE(Civil) 07/02/18

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351194

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 09:-						
	Providing and constructing pre-cast concrete solid blocks with compressive strength, complete as per specifications.						
	From entrance of the road (from SWD)						
	0-30	2	30.0	0.20	-	= 12.0	
	30-60	2	30.0	0.20	-	= 12.0	
	60-90	2	30.0	0.20	-	= 12.0	
	90-120	2	30.0	0.20	-	= 12.0	
	120-150	2	30.0	0.20	-	= 12.0	
						60.0 sqm.	59598.00
	At the rate of Rs. 993.22 →						

Mrtplly. N.D
AE(Civil) 07/02/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 07:-						
	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs/cum with 20 mm (graded stone aggregate) coping on flagging course						
	0-30	2.0	30.0	0.20	0.10	1.20	
	30-60	2.0	30.0	0.20	0.10	1.20	
	60-90	2.0	30.0	0.20	0.10	1.20	
	90-120	2.0	30.0	0.20	0.10	1.20	
	120-150	2.0	30.0	0.20	0.10	1.20	
					TOTAL=	6.00 cum	
	Qty Utd to	5.4 cum					
	At the rate of Rs	5767.46 →					31144.60
		NDP					
		AE(Civil) 8/01/18					

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No. 08:-
	Providing and fixing covering on RCC drain - R
	Cft: 46.5 to 241.50 1 X 32
	on existing drain:
	6.03
	LNT compound road (near en
	1 X 155
	At the rate of Rs: 1836.0

OK

Depth 6	Contents 7	Reference to last Measurement 8
	cement concrete of mix (& decon size..)	
0.10	= 1.20	
0.10	= 1.20	
0.10	= 1.20	
0.10	= 1.20	
0.10	= 1.20	
TOTAL=	6.00 cum	
		31144.60
		118

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351195

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.08:-						
	Providing and fixing 10cms thick pre-cast RCC covering slab, Covering on RCC-drain - Byalapayanapura gramalana.						
	Cft: 46.5 to 241.50 on existing drain:	1	0.75	-	-	= 244	
		1	0.75	-	-	= 146.25	
						390.0	
	LNT compound road (near ಪಾರ್ಯಾಲಯ entrance from SWD)						
	At the rate of Rs: 1836.0	R	155	0.90	-	-	= 139.50
					TOTAL=	529.50	Sqm
							972162.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 15:-						
	Cleaning the existing black topped surface.)						
	0-30	01	30.0	3.65	-	= 109.50	
	30-60	01	30.0	3.45	-	= 103.50	
	60-90	01	30.0	3.90	-	= 117.0	
	90-120	01	30.0	4.4	-	= 132.0	
	120-127	01	7.0	4.3	-	= 30.10	
	127-157	01	30.0	5.0	-	= 150.0	
	157-187	01	30.0	5.50	-	= 165.0	
	187-217	01	30.0	4.65	-	= 139.50	
	217-247	01	30.0	4.50	-	= 135	
	247-277	01	30.0	5.25	-	= 157.50	
	277-307	01	30.0	5.3	-	= 159.0	
						1398.10	

3512 VJ.07

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	307-337	01
	337-367	01
	367-397	01
	397-427	01
	427-457	01
	457-487	01
	487-517	01
	517-535	01
	At the rate of	3.1

OK

Depth 6	Contents 7	Reference to last Measurement 8
...surface...)		
5 –	= 109.50	
15 –	= 103.50	
90 –	= 117.0	
4 –	= 132.0	
3 –	= 30.10	
·0 –	= 150.0	
·50 –	= 165.0	
·65 –	= 139.50	
·50 –	= 135	
5·25 –	= 157.50	
5·3 –	= 159.0	
	1398.10	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351196

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	307-337	01	30·0	3·7	–	= 111·0	
	337-367	01	30·0	3·7	–	= 111·0	
	367-397	01	30·0	4·45	–	= 133·5	
	397-427	01	30·0	4·15	–	= 124·5	
	427-457	01	30·0	4·0	–	= 120·0	
	457-487	01	30·0	4·35	–	= 130·5	
	487-517	01	30·0	4·45	–	= 133·5	
	517-535	01	18·0	4·25	–	= 76·5	
	At the rate of Rs	3·18 →		TOTAL=		2338·50 Sq.m	6806·00
				Limit 2140-m			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 14:-						
	Providing and laying tack coat with 80/100 grade bitumen, labour +HOM machinery etc.,						
	0-30	01	30.0	5.15	-	= 154.50	
	30-60	01	30.0	4.95	-	= 148.50	
	60-90	01	30.0	5.40	-	= 162.0	
	90-120	01	30.0	5.90	-	= 177.0	
	120-127	01	7.0	5.80	-	= 40.6	
	127-157	01	30.0	6.50	-	= 195.0	
	157-187	01	30.0	7.0	-	= 210.0	
	187-217	01	30.0	6.15	-	= 184.5	
	217-247	01	30.0	6.0	-	= 180.0	
	247-277	01	30.0	6.75	-	= 202.5	
	277-307	01	30.0	6.8	-	= 204.0	
						1858.60	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	307-337	01
	337-367	01
	367-397	01
	397-427	01
	427-457	01
	457-487	01
	487-517	01
	517-535	01
	At the rate of	Rs. 11.0

Contents 7	Reference to last Measurement 8
80/100 grade bitumen	
= 154.50	
= 148.50	
= 162.0	
= 177.0	
= 40.6	
= 195.0	
= 210.0	
= 184.5	
= 180.0	
= 202.5	
= 204.0	
1858.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351197

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	307-337	01	30.0	5.2	-	= 156	
	337-367	01	30.0	5.2	-	= 156	
	367-397	01	30.0	5.95	-	= 178.5	
	397-427	01	30.0	5.65	-	= 169.5	
	427-457	01	30.0	5.5	-	= 165	
	457-487	01	30.0	5.85	-	= 175.5	
	487-517	01	30.0	5.95	-	= 178.5	
	517-535	01	18.0	5.75	-	= 172.5	
						3210.00 sq.m	
	At the rate of	Rs. 11.66 →					37428.60

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 15:- Providing and laying bituminous concrete 40mm thick with hotmix plant, as per specifications.						
	0-30	01	30.0	5.15	0.04	= 6.18	
	30-60	01	30.0	4.95	0.04	= 5.94	
	60-90	01	30.0	5.4	0.04	= 6.48	
	90-120	01	30.0	5.9	0.04	= 7.08	
	120-127	01	7.0	5.8	0.04	= 1.63	
	127-157	01	30.0	6.5	0.04	= 7.8	
	157-187	01	30.0	7.0	0.04	= 8.4	
	187-217	01	30.0	6.15	0.04	= 7.38	
	217-247	01	30.0	6.0	0.04	= 7.2	
	247-277	01	30.0	6.75	0.04	= 8.10	
	277-307	01	30.0	6.80	0.04	= 8.16	
						74.35	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	307-337	
	337-367	
	367-397	
	397-427	
	427-457	
	457-487	
	487-517	
	517-535	
	At the rate of Rs. 7	

Contents 7	Reference to last Measurement 8
40mm thick with	
= 6.18	
= 5.94	
= 6.48	
= 7.08	
= 1.63	
= 7.8	
= 8.4	
= 7.38	
= 7.2	
= 8.10	
= 8.16	
74.35	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351198

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	307-337	01	30.0	5.2	0.04	= 6.24	
	337-367	01	30.0	5.2	0.04	= 6.24	
	367-397	01	30.0	5.95	0.04	= 7.14	
	397-427	01	30.0	5.65	0.04	= 6.78	
	427-457	01	30.0	5.5	0.04	= 6.6	
	457-487	01	30.0	5.85	0.04	= 7.02	
	487-517	01	30.0	5.95	0.04	= 7.14	
	517-535	01	18.0	5.75	0.04	= 6.9	
						128.40 cum	
	At the rate of Rs. 7302.34 →						937620.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Grand total:-			4535552.37	
			Add 8% KRIDL charges:-			362844.19	
			Add 1% labour cess :-			45355.52	
			TOTAL			4943752.09	

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Certificate:

1) Certified that the work done by the contractor is satisfactory.
2) Certified that the debris has been removed from the work spot.

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Ayyappa temple
	Accept all measure with full & Final set
	PLAN

	Contents	Reference to last Measurement
	7	8
	4535552.37	
charges:	36 2844.19	
ees :-	45355.52	
	49437/52-09	
	Applly. N.D AE(W7) 16/2/18	
	contractor is satisfactory.	
	moved from the work spot.	

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

M. A. R. 57 (Rule 116)
Measurement Book

No. B

351199

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ayyappa temple (535x5m)						
	Accept all measurements with full & Final Settlement						
	PLAN						INDEX: Asphalt road, Existing, New RCC drain

Applly. N.D AE(W7)

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 4943752-00 ಗಳನ್ನು ಪಾಸ್ಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ. 461253-00 ಕೊಂದಾಣಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 4482499-00 ರೂ. Rs. Forty four lakhs eighty two thousand four hundred ninety nine only. ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಬಹುದಾಗಿದೆ ಲೆಕ್ಕಾಧಿಕ್ಷಕರು 27/02					Total Rs: 49,43,752-00 IT - 98875-00 CCH - 49438-00 CBF. 4944-00 LR - 60800-00 FSD 247188-00 Adju - 4,61,253-00 Cheque: 44,82,499-00	

Accepted all measurements with full and final settlement

Assistant Executive Engineer
Byatarayanapura Sub division
KRIDL, BBMP, Bangaloro

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2